IVANOV, V., polkovnik; MAHAKAZOV, A.I., red.; SOMINSKIY, Ye.M., red.

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[Aviation equipment of the air forces of capitalist countries; a collection of translated articles] Aviationnaia tekhnika VVS kapitalisticheskikh stran; sbornik perevodnykh statei. Moskva, Voenizdat. 1964. 269 p. (MIRA 18:9)

and the second s

307/133-58-8-13/30

Teterin, P.K., Klysakia, W.L., Usadidates of Technical Sciences, and Musorita, I.Ye., Koresanov, S.P., Sominskiy, Z.A., and Elibert, S.M., Engineers ' AUTHORS:

The Production of Tro-layer Soldered Tubes (Proizvodstvo TITLE: dvusloynykh payany.... trab)

Stal', 1958; Ar 8, pp 722 - 726 (USSR) PERIODICAL:

ABSTRACT: The process of production of two-layer soldered tubes was developed by TsNIIChk and tested on the Sinarskiy Pipe Plant. The tubes are made from a cold-rolled steel strip coated

on both sides with a thin layer of copper. The edges of the strip are bevelled and the strip is formed into a twolayer tube semis with a close contact of the layers and overlapping of edges (Figure 1). The tube semis are passed through an electric furnace, heated to a temperature somewhat higher than the melting temperature of copper.
The heating and cooling is done in a protective atmosphere.
During the heating, soldering of the layers along the whole contact surface takes place. Thus, the manufacturing process consists of four main operations: copper coating of strip, bevel cutting of edges, forming of strip into tube semis and soldering. This kind of tube is being produced within a range of diameters from 6 to 16 mm with

Card1/4

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The Production of Twc-layer Soldered Tubes

the wall thicknesses from 0.6 to 0.9 mm. Low-carbon, mild steel (08) cold-rolled strip, 0.3 - 0.45 mm in thickness supplied in an annealed state in coils of a width corresponding to the required diameter of the tubes is used as a starting material. The strip is electrolytically coated with copper to a thickness of 4 µ; 1 µ of copper is deposited from the cyanide electrolyte and 3  $\mu$  from an acid electrolyte. The coating process is continuous (Figure 2, The speed of strip through the electrolytic baths varies from 2.85 to 9.65 m/min, depending on its width. Cutting of edges is done in one mass without liquid cooling of knives. The rate of cutting up to 65 m/min (Figures 3 and 4). Forming of strip according to scheme shown in Figure 5 is done on a continuous 14-stand mill (Figure 6) produced by TsKBill TsNIITMASh at a rate of 30-45 m/min. Formed semis are cut into a measured length (14 100 nm). Lots of 30 semis are passed for soldering in an electric resistance furnace (Figure 7) consisting of two chambers: heating and cooling. The temperature of the heating chamber is maintained at 1130 - 1140 C. The rate of

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SUV/135-58-8-13/30

The Production of Teo-layer Soldered Tolds

passage through the furnace varies from 0.78 to 2.0 m/min, depending on the tube diameter. Protective atmosphere is obtained from charcael pas producer (CO 31-37%, H<sub>2</sub>>11%, CH<sub>4</sub> 0.2-0.7%, CO<sub>2</sub> 1-4%, humidity 7-10 g/m<sup>3</sup>). In order to retain a uniform distribution of copper on the surface of tubes during soldering, the latter are coated with a thin layer of a special coating material (not specified) before soldering. It is stated that the mechanical properties of tubes are similar to those of seamless tubes from mild steel (tensile strength 58-42 kg/mm<sup>2</sup>, relative elongation 24-30% and pass the hydraulic test according to GOST 301-50). It is pointed out that the process of production of the above tubes is already introduced into practice. It presents significant, technical and economic dvantages in comparison with the drawing process. Such tubes can replace

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A to the state of the state of

The Production of Two-layer Soldered Tubes

SOV/133-58-8-13/30

successfully steel seamless tubes as well as copper and brass tubes, thus providing a large saving of non-ferrous

There are 7 figures and 1 table.

TsHIIChH and Sinarskiy trubnyy zavod (Sinarskiy Pipe Flant) ASSOCIATION:

Card 4/4 1. Pipes---Production 2. Steel--Coatings 3. Furnaces--Appli-

cations

, with the set of the control of the

POPOV, Andrey Dmitriyevich; SOMINSKIY, Zel'man Abelevich; KHAKHALIN, Boris Dmitriyevich; EL'BERT, Semen Moiseyevich; FILIPPOV, A.S., kand. tekhn. nauk, retsenzent; DUGINA, N.A., tekhn. red.

[Continuous pouring of cast iron] Nepreryvnoe lit'e chuguna. Moskva, Mashgiz, 1961. 110 p. (MIRA 14:11) (Continuous casting) (Cast iron)

BISK, M.B.; SOMINSKIY, Z.A.; SHVEYKIN, V.V.

Tube drawing with self-centering mandrels on rectilinear-type mills. Stal' 23 no.6:536-540 Je '63. (MIRA 16:10)

1. Sinarskiy trubnyy zavod i Ural'skiy politekhnicheskiy institut.

EWT(m)/EWA(d)/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) MJW/JD/HW L 13052-66 SOURCE CODE: UR/0133/65/000/011/1021/1023 ACC NRI AP5027911 AUTHOR: Sominskiy, Z. A.; El'bert, S. H.; Bisk, H. B.; Potopayev, A. P.; Kazachkov, B. M.; Borodin, A. I.; Chistyakov, V. G. ORG: none TITLE: Parameter refinement in the hot working of tubes made from Kh18N10T SOURCE: Stal', no. 11, 1965, 1021-1023 TOPIC TAGS: tool steel, metal tube, plastic deformation ABSTRACT: Optimum preheating schedules are established for the subsequent hot working of tubes made of Kh18N10T steel. Care was taken to hold the mandrel temperature below 600°C in order to preserve the useful tool life. Thermocouples were placed into various portions of the mandrel and the temperatures measured for varying conditions. All tubes were drawn to 100 m air blast, water-air spray mixture and water spray cooling was employed. A mixture of zinc oxide and graphite was used as a lubricant. Data are presented for tubes drawn to 40, 50, 60 and 70 m after various preheat temperatures (between 80 and 250°C) and for the cooling methods discussed above. Data on the change in mandrel temperature showed a large degree of variation (310 to 510°C) increasing with draw length and preheat temperature. The cooling efficiency also was UDC: 621.774.39 1/3 Card

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ACC NR: AP5027911

a significant factor, the highest cooling rate being achieved with water spray cooling For Kh19N10T steel, the preheat temperature recommended was between 150-200°C. The other phase of the study dealt with the determination of optimum temperature intervals for the hot deformation of 30KhGSA and Kh5M steels. Hechanical property data were obtained in the form of dynamic bend resistance as a function of temperature of testing (ambient temperature to 700°C) for Kh5M and impact resistance as a function of tenperature of testing (20-600°C) for 30KhGSA. Also the fracture appearance was analyzed in both cases. The plasticity of Kh5M steel increased up to the temperature range of 300-400°C where it remained constant and subsequently rose again. The transition from ductile to brittle fracture took place at temperatures of about 40-60°C. The explanation proferred for the retardation in rise of plasticity in the range 300-400°C was dislocation solute interactions (C and N especially). This Cottrell type cloud retarded the motion of dislocations. At higher temperatures, the ductility of the steel increased due to thermal activation assisting the release of dislocations from their C and N atmospheres. For 30KhGSA steel, the impact strength rose with temperature to 150°C where it reached a maximum at 150-200°C and subsequently dropped, reaching anoth er peak at about 400°C. Thereafter, the drop became very sharp and at 500°C the value was the same as for room temperature. Above 550°C, a sharp rise in impact strength occurred as a function of temperature. Again Cottrell cloud was used to explain the leveling off of impact strength at 400-550°C. Alloying elements which combine chemically with the solute C and N atoms offset this behavior; this explains the higher

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he optimum work	es of Kh5M. Considing temperature int	SELAST TOL WI	natures in the	inductor should	be 100-
	us the optimum pred 0°C respectively. hot working parame				
SUB CODE: 11/	SUBM DATE: 00/	ORIG	REF: 002/	OTH REF: 00	2
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POLIVANOV, A.A., vetvrach; SOMINSKIY, Z.F., dotsent; KIRILLIN, V.M., glavvetvrach

Some materials on the epizoetelegy and clinical aspects of Aujesky's disease in cattle. Veterinaria 36 no.4:29-31 Ap (99.

1. Zaveduyushchiy otdelem Ul'yanevskey oblvetbaklaberaterii (for Polivanov). 2. Ul'yanevskiy sel'skokhozyaystvennyy institut (for Sominskiy). 3. Cherdaklinskiy rayon, Ul'yanevskaya oblast' (for Kirillin).

(Ul'yanovsk Prevince--Pseudorabies)

Institute offects in the dissociation of a term disside in a silent electric dismange. Zhur.flz.khim. 38 no.8:0072-2074 Ag '64.

(MIRA 1811)

1. Moskovskiy universitet imeni M.V.Iomonosova, Etimicheskiy fakulitet.

AID P - 5594

Subject

- to A /A

USSR/Engineering

Card 1/1

Pub. 107-a - 6/12

Authors

Somkin, L. N., Eng. Ya. S. Timofeyev, Eng. and V. G.

Khoroshaylov, Eng.

Title

Welding of turbine nozzle . made of EI-618 alloy, with

ceramic flux.

Periodical

Svar. proizv., 11, 23-25, N 1956

Abstract

The authors describe the procedure and technique of automatic welding of turbine nozzle (diaphragms) made of EI-618 alloy with the FZh-1 ceramic flux, developed specially for the purpose, and the EI-400 electrode. Five photos (including 1 macro and 1 micro-structure) and 1 table of components of the PZh-1 flux; GOST standard; 6 Russian references (1951-55).

Institution:

Not given.

Submitted

No date

Scorring L. IV.

SUBJECT:

USSR/Welding

135-1-4/14

AUTHORS:

Timofeyev, Ya.S., Eng.; Somkin L.N., Eng.; Khoroshaylov, V.G.,

Candidate of Technical Sciences.

TITLE:

Welding assemblies and parts of aluminum alloy AV. (Swarka

uzlov i detaley iz aluminiyevogo splava marki AB)/

PERIODICAL

"Svarochnoye Prolavodstvo", 1957, # 1, pp 13-15 (USSR)

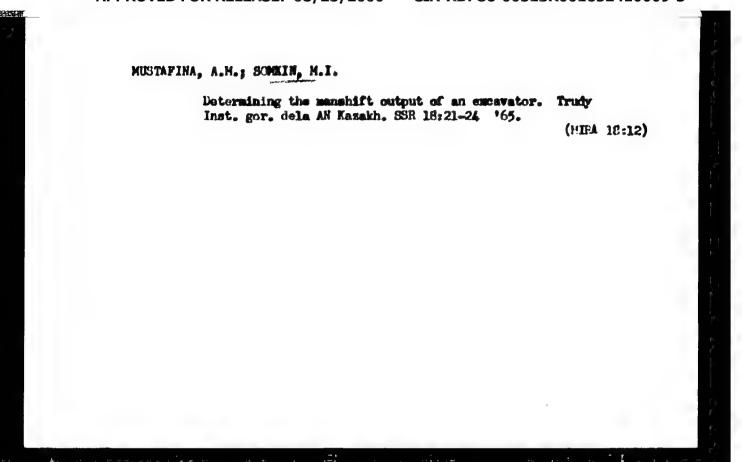
ABSTRACT:

The aluminum alloy AP-U (AMTs) having proved to be of no sufficient strength for long service, the authors' plant tried the aluminum alloy AB (FOCT 4784), composed of 0.2-0.6 % Cu, 0.45-0.09 % Mg, 0.15-0.35 % Mn, 0.5-1.2 % Si, remainder Al; after hardening and aging its mechanical properties are:

 $G_{\rm H} = 32 \text{ kos/mm}^2 + 8 = 8\%$ .

After trying the alloys AK, AB, B61, and B61K, it was found that the most advantageous welding rod material for both oxyacetylens welding and argon - arc welding is the alloy AB in form of strips. Preliminary anealing is necessary. Welding with alloy AB in argon gives safe butt joints between tubus and flanges, provided the parts are forged and the distance

Card 1/2



The transfer of the second of

MUSTAFINA, A.M.; ISAYEV, M.A.; SOMKIN, M.I.

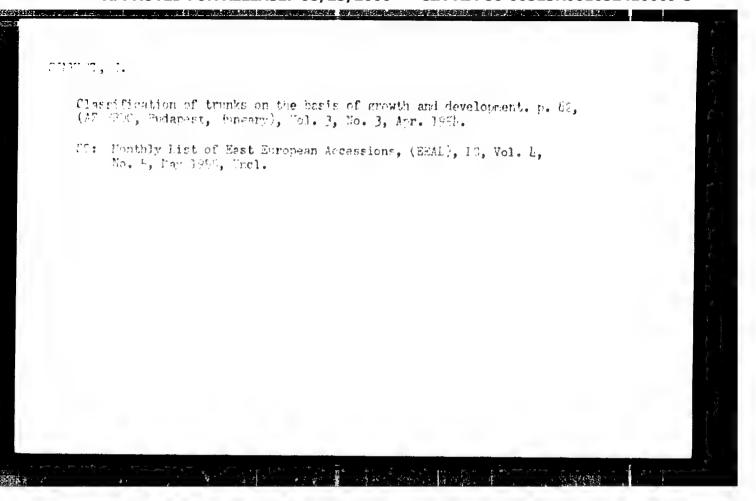
Potentialities of increasing excavator efficiency at the Sokolovka mine (Sokolovka-Sarbay Mining and Ore Dressing Combine). Trudy Inst. gor. dela AN Kazakh. SSR 15-15-15

Improving the technology of waste piling at mines of the Sokolovka-Sarbay Combine. Ibid.: 60-77

(MIRA 18:12)

Masks for Hungarian State Railways in 1953." (p.71). CUKORIPAR (Cukoripar es a Mezogazdasagi Iperi Tudomanyos Egyesulet) Budapest. Vol 9, No 5, Feb. 1953.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.



SOMKUTI, E.

SONKUTI, E. Afforestation in the Soviet Union. p. 239

Vol. 8, no. 5, May 1956 AGRATUKOHANY AGRICULTURE Budapest, Hungary

So: East European Accession, Vol. 6, No. 3, March 1957

SOMKUTI, Elemer, dr., a mezogazdasagi tudomanyok kandidatusa

Remark about Dr. Laszlo Szonyi's article entitles "Data on the growth in thickness of some tree species." Erdo 11 no.12:572-574 D '62.

1. Erdomernoki Foiskola igazgathohelyettese, Sopron.

SOMKUTI, Elemer, dr., a mezogazdasagi tudomanyok kandidatusa

Farenc Lesenyi, 1887-1962; obituary. Erdo 11 no.11:494-496 N '62.

1. Erdesseti es Faipari Egyetem igazgatohelyettese, Sopron.

SOMKUTI, Jeno, dr.; SZEKELY, Arpad, dr.

Sarcoma of the gallbladder. Magy. Sebesz. 15 no.1:75-77 F 162.

1. A fovarosi Janos korhaz Sebeszeti Osztalyanak es II Belgyogyaszati Osztalyanak közlemenye.

(SARCOMA surg) (GALLBLADDER neopl)

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A calle fault extrator, on innotating to Antal Halmezy, w. In.
(1997) 1993. Tel. 6, no. 10, Sept. 1957, Budapent, Punyany)

Str. Monthly Historic Performence Accessions (1991) 10. Tel. 6, no. 10, no
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GERBLY, Rezao, Dr.; CSILIAG, Antal, Dr.; JAKABFFY, Dezao, Dr.; SOMEUTI, Jeno, Dr.

Hitrous oxide narcosis. Crv. hetil. 99 no.44:1540-1543 2 Nov 58.

1. A Fovarosi Janos Korhaz (igazgato: Tako Jozsef dr.) Sebeszeti Osztalyanak (foorvos: Gergely Resso dr.) kozlemenye.

(NITHOUS OXIDE, anesth. & analgesia
clin. evaluation, indic. & compl. (Hun))

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GYORGY, L.; SOMKUTI, T.; KELEMEN, B.; BORBELY, L.

The problem of ergotoxin-adrenaline synergism and antagonism; the effect of general anesthesia. Acta physiol. hung. 14 no.3:287-300 1958.

1. Institute of Pharmacology, Medical University, Budapest.

(ERGOT ALKALOIDS

ergotoxine - epinephrine synergism & antag., exper. in cats & eff. of anesthetics)

(EP INSPHRING

epinephrine - ergotoxine synergism & antag., exper. in cats & eff. of anesthetics)

(ANESTHETICS, eff.

on exper. on epinephrine - ergotoxine synergism & antag. in cats)

GYORGY, L.; BORBELY, L.; KELEMEN, B.; SOMKUTI, T.

The adrenergic properties of ergotoxin. Acta physical, hung. 14 no.4:391-398 1958.

1. Pharmakologisches Institut der Medizinischen Universitat, Budapest.
(ERGOT ALKAIOIDS, eff.
ergotoxin, paradoxical adrenergic actions (Ger))
(SYMPATHETIC NERVOUS SYSTEM, eff. of drugs on same)

GYORGY, L.; BORBELY, L.; EXRTESZ, M.; SONKUTI, T., with the to unical assistance of E. Seress

Pharmacology of a new spasmolytic drug. Acta physical, hung. 15 no.2: 189-199 1959.

1. Institute of Pharmacology, the Medical University, Budapest. (PAPAVERINE, related cpds. 6,7-dimethoxy-1-(3,4-dimethoxyphenyl)-isoquinoline pharmacol.)

SOMKUTY, L. - Fractical ex eriences with measurements made with a new cable detector, p 137, Vol. 4, no. 5, May 1956
VILLAMOSSAG (Magyar Elektrotechnikal Egyesulet)

SCURCE: East European Accessions List (EDAL) Vol. 6, No. 4-April 1957

VERMES, Lasslo; SOMLAI, Jozsef

Development of the finishing technique of shoe upper leathers.
Bor cipo 10 no.2:41-43 M '60.

1. Tancsics Borgyar.

# SOMLAI, Oszkar (Budapest)

Structural build-up of the innovator movement at "Egyesult Izzo" (Tungsram). Ujit lap 13 no.23:15 D '61.

1. Az Egyesult Izzo Kozponti Ujitasi Irodajanak vezetoje, Budapest.

# "Legal systems of patents, agreements of the Union; a lecture." p. 12 (Ujitok Lapja) Vol. 9, no. 22, Dec. 1957 Budapest, Hungary SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4, April 1958

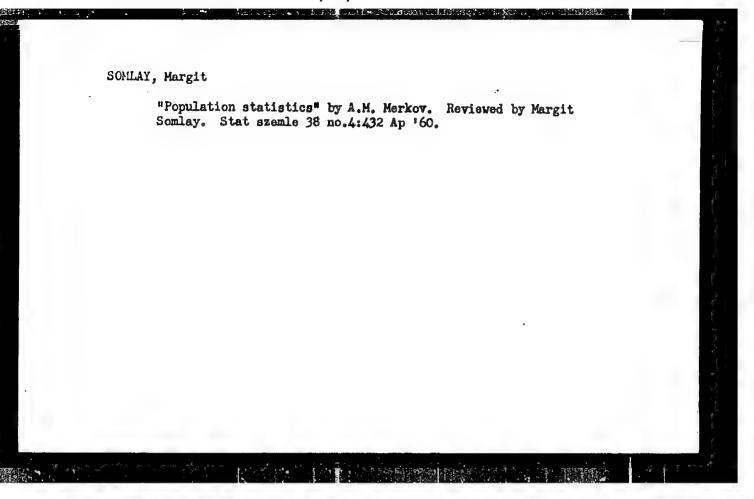
SOMIAI, Tibor

Modern paint-removing agents. Gepgyartastechn 2 no.12:458-459 D 162.

1. Magyar Allamvasutak Anyagvizsgalo Fonokseg.

Fight against corrosion. Vasut 13 no.8:20-21 Ag '63.

1. MAV Anyagvizsgalo Fonokseg helyettes vezetoje.



### SOMLAY, Tibor

Corrosion; an enemy of metals. Vasut 13 no.1:23-24 30 Ja 163.

1. Magyar Allamvasutak Anyagvizsgalo Fonokseg helyettes vezetoje.

SOMLAY, Tibor, okleveles vegyeszmernok

An account of the Days for Testing Materials in Transportation. Kozl tud #z 13 no.2:90-92 F '63.

1. MAV Anyagvizsgalo Fonokseg helyettes vezetoje.

Sometev, O.; Folkov, L.

"Some experiments with Bulgarian constructed electromagnetic couplings."

TEZHKA PROMISHLENOST, Sofiia, Bulgaria, Vol. 8, no. 5, Mar. 1959

Monthly list of East Europe Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclas

"Recommendation for Using V.A. Kolesov's Blades; Data Furnished by P.P. Grudev, Soviet Technical Scientist." p. 30, (TEZHKA PR. ISHLENOST, Vol. 3, No. 1, 1954, Sofiya, Bulgaria)

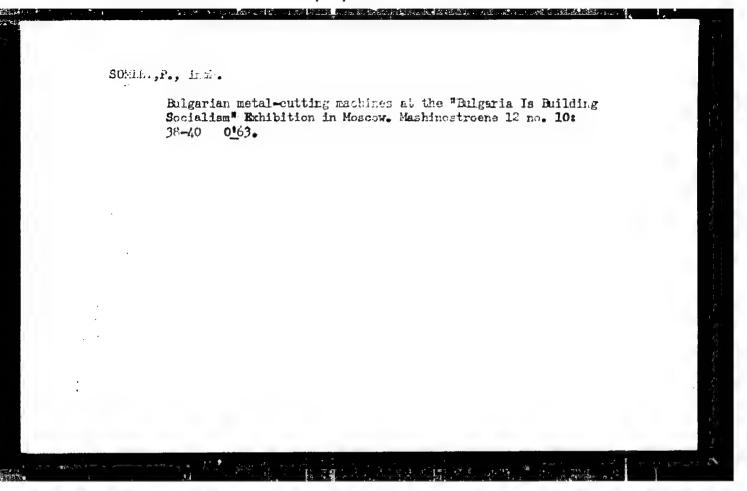
SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4

No. 5, Kay 1955, Uncl.

SOMIEV, P., inch.

Machine building in Bulgaria. Kauka i tekh mladezh 15 no.10:1-2 0:63.

1. Direktor na Nauchno-izsledovatelskiia i proektokonstruktorski institut za metaloobranotvashti mzshini i instrumenti, i chlen na Redaktsionmata kolegiia, "Nauka i tekhnika za mladezhta".



SOMLEY, P.

SOMLEV, P. Types of bearings for precise spindles in metal-precessing machines and repairing and servicing them. p.lll.

Vol. 5, no. 3, 1956, TEZHKA PROMISHLENOST, SOFIYA, BULGARIA.

SO: Monthly List of East European Accessions, (REAL), LC, Vol. 5, No. 10, Oct. 1956.

SOMLEY, P.

Possibilities for installing metal-cutting machines without a foundation. Color-imetric determination of small quantities of chromium to cast iron and steel (up to 0.15 per cent).

pages 36-40 (TEZHKA PROMISHLENOST) Vol. 6, no. 7, July 1957, Sofiia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. No. 3, March 1958

. The wheat to a second transfer pushes a sold to the first such that we are

SOMLEV, P., inzh., nauchen sutrudnik

Modernization of metal-cutting machines. Tekh delo 13 no.428:1 26 My '62.

1. Nauchnoizsledovatelski institut po mashinostroene imetaloobrabotvane.

SGMIEV. P., inch., TERZIISKI, Iv., inzh.; VELEV, A., inzh.; VIADIMIROV, A., inzh.

Classification and specifications of metal-outting tools.

Machinestrospe 12 no.2:7-11 F - 163.

SOMLEV, P., inzh.; VULEV, A.; TERZIISKI, Iv.; SIMEONOV, St.; POPOV, D.

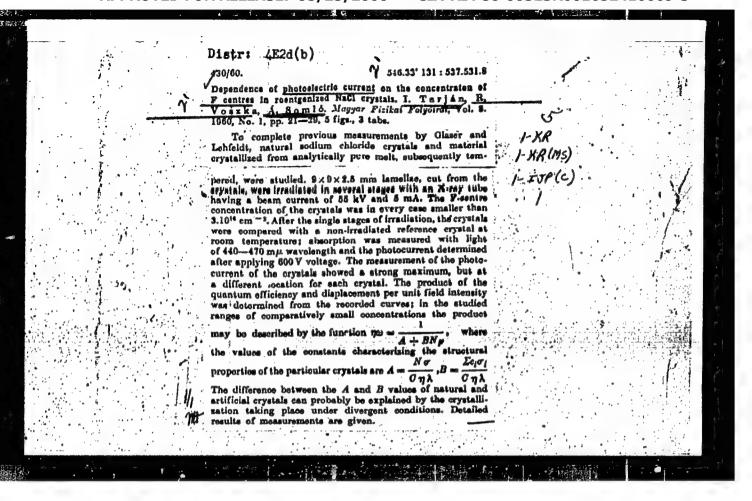
Discontinuation and redistribution of the obsolete lathes S5A and S8. Mashinostroene 11 no.5:3-5 My '62.

1. Postoianen komgultant, "Mashimostroene" (for Somlev).

SOMLEV, P. inzb.

Mechine tools in Bulgaria. Stan. i instr. 35 no.2:2-10 F\*64; (MIRA 17:3)

1. Direktor Nauchno-issledovatel skogo i proyektno-konstruktorskogo instituta metallorezhushchikh stankov i instrumentov, g. Sofiya.



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TARJAN, I.; VOSZKA, R.; SOMLO, A.

The effect of preheat treatment on the photoconductivity of X-ray radiated NaCl crystals. Acta phys Hung 11 no.1:59-69 \*60.

(EEAI 9:10)

1. Arztliches Physikalisches Institut, Budapest. Vergelegt von Z.Gyulai.

(X-rays) (Photoconductivity)

(Crystals) (Ealt) (Color denters)

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(Eath physical, Inst. J. of Pedspest)

"Method for Determination of the Length of Isometric and Isotonic Contraction of the Ventricle.

7. Kreislforsch. 1951 40/19-20(585-592)
Pbsh: Exc. Ned. 11, Vol. 5, No. 7, p. 811

UNGHVARY, L.; SOMLO, E.; TAMAS, G.

Oscillometry of pulse and cardiac output in hypertonia. Orv. hetil. 93 no. 38:1094-1095 21 Sept 1952. (CLML 23:5)

1. Doctor for Unghvary and Somlo. 2. Institute of Pathophysiology (Director -- Prof. Dr. Jossef Sos).

SOMLO, Erno, dr.

A new method in the treatment of paroxysmal auricular fibrillation. Orv. hetil. 102 no.17:783-785 23 Ap 161.

1. Orvostovabbkepzo Intezet, EKG Osztaly.

(AURICULAR FIBRILLATION ther) (QUINIDINE ther)

Somld, Gy

37. Some considerations on the splection of a suitable technology for the industrial production of monochlarabenzene. I G.y. Som 16. Magyar Kemikusok Lapja. Vol 11. 1950. 35. pp. 87-93. 2 figs., 1 tab

In the presence of ferric chloride catalyst the chlorination of benzene yields monochlorobenzene as chief product and besides the utilizable o dichlorobenzene as chief the product and besides the utilizable of dichlorobenzene as the products of the consists essentially of three operations is chloridistion mutralization and distillation. The consists essentially of three operations is chlorobenzene to polychlorobenzene production and not by the conversion of benzene to monochlorobenzene. It is evident that the chlorination step determines economical plant operation. Continuous operation yields lower-chlorinated products (0.2—0.4 mols of chlorine per molecule of benzene) than the batch process and therefore in relation to the product a relatively large amount of benzene must be recirculated. The Demény-Sipos continuous process ensures a high monochiorobenzene-polychlorobenzene ratio and furthermore has several important advantages. Benzene presaturated with chlorine to 0.3 mol of chlorine per mol of benzene in an adsorption column is fed into the chlorinating apparatus packed with iron swarf where it is reacted with chlorine in a homogeneous phase. The hydrochloric acid coerhead product of the reactor is absorbed into water after its benzene content has been stripped off. The liquid chlorinated products of the reactor are fed into a hydrocen chloride stripping tower where

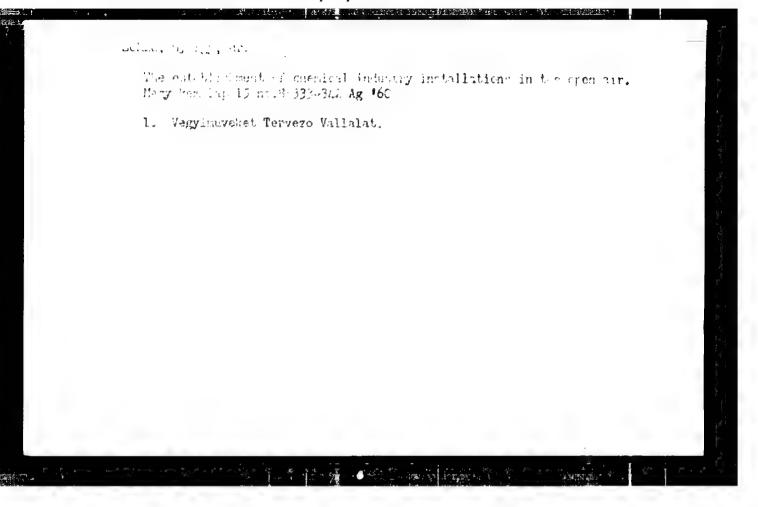
they are freed from their absorbed hydrogen chloride content. The product from the stripping tower is fractionated and the benzene fraction is returned to the presaturator. This presaturation process was found advantageous from the economic viewpoint, moreover it eliminates explosion hazards since the hydrogen contamination present in the utilized hydrogen chloride gas can be discharged with the tail gas of the presaturator column.

Somlo, Cy.; Gloetzer, J.; Simek R APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652410009-3"

Economical use of enrgy bearers in Hungary's chemical industry. p. 341

MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete) Budapest, Hungary. Vol.11, no.9, September 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11 November 1959 Uncl.



SOMLO, Gyorgy; KOVATS, Gabor

Some problems relating to general planning in the chemical industry.

I. Magy kem lap 17 no.10:433-440 0 '62.

1. Vegyimuveket Tervezo Vallalat.

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SOMLO, Gyorgy; KOVATS, Gabor

Certain problems of general planning in chemical industries. II. Magy kem lap 17 no.11:481-487 N '62.

1. Vegyimuveket Tervezo Vallalat.

interest at the

SOMLO, Gyorky; LAZICZIUS, Akos

Achievements of applying general design principles in the design of pigment plants. Magy kem lap 18 no.8:357-366 Ag '63.

1. Vegyimuveket Tervezo Vallalat.

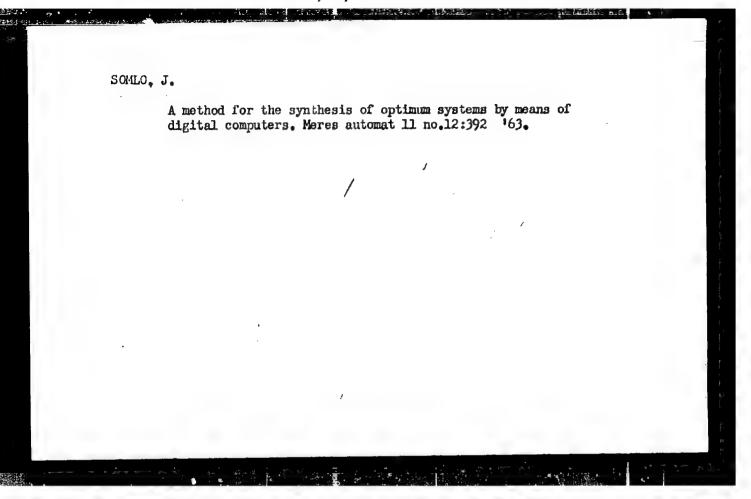
#### HUNGARY

SZABO, Mihaly, Dr. SOMLO, Gyorgy, Dr. SEPP, Jozsef, Dr; City Council of Mako, Hospital and Ambulant Services, Laboratory (chief physician: SZABO, Mihaly, Dr), and Medical Ward (chief physician: TISZAI, Aladar, Dr) (Makoi Varosi Tanacs Korhaza es Rendelo Intezete, Laboratorium es Belgyogyaszati Osztaly).

"Methodological Problems of the Demonstration of Bacteriuria. The Significance and Value of the So-Called Screening Tests.

Budapest, Orvosi Hetilap, Vol 107, No 52, 25 Dec 66, pages 2449-2453.

Abstract: [Authors' Hungarian summary] The more important screening methods (nitrate tests, TTC test, etc.) used in quantitative bacteriology involving the urine are surveyed and the results of comparative studies, using these methods, are reported. Significant bacteriuria was correctly indicated by the simple Gries-Ilosvay type of nitrite test in 55 per cent, by the Sleight type modification of the nitrite test and by the stroke plate technique in 98.5, and by the TTC test in 90 per cent of the cases. The combination of a chemical test and of a semiquantitative culture procedure is considered to be the most suitable method. 3 Hungarian, 30 Western references.



SOMLO, Janos, okleveles gepeszmernok

Once again on the kinetics of hydromotors controlled by axial pistons. Gep 15 no.9:367-373 S '63.

1. Magyar Tudomanyos Akademia Automatizalasi Kutato Laboratorium.

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1. Research Institute of Automation of the Hungarian Academy of Sciences, Endagest.

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SOMLO, J., bydomanyca munkatars

An account of the 9th Conference on Electronics, Telecommunication, Automation and Nucleonics. Meres automat 13 no.4:110 '65.

1. Research Institute of Automation of the Hungarian Academy of Sciences, Budapost.

SOMLO, Janos

Harmonic analysis of sectionally linear nonlinearities. Pt.2. Meres automat 13 no.2/3:40-45 '65.

1. Research Institute of Automation of the Hungarian Academy of Sciences, Budapest.

L 44633-66 T ACC NR: AP6033126		: HU/0012/65/013/009/02:73/0280
AUTHOR: Somlo, Ja	nos-Shomlo, Y. (Staff scientist)	26.
ORG: Research Ins	titute for Automation, MTA (MTA Automa	atizalasi Kutato Intezet) 8
	thod for the determination of descript	
SOURCE: Meres es	automatika, v. 13, no. 9, 1965, 273-28	80
TOPIC TAGS: mathe	ematic function, oscillation	
tion of nonlinear Symmetrical oscill tion of the coeffi characteristics. calculations can the techniques in	ral method is described with the aid of processes can be effected in the case ations are discussed and equations we cients of the descriptive functions in By employing the tables presented in the considerably reduced. Examples were colved. Orig. art. has: 10 figures, 25 Eng. abst.] [JPRS: 33,541]	re presented for the determina- n cases of one- or two-value the appendix, numerical e presented to illustrate
SUB CODE: 12 / OTH REF: CO2	SUBM DATE: Olapr64 / ORIG REF: OO	3 / SOV REF: 002
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L 44030-66 EWT(1) ACC NR: AP6032680 SOURCE CODE: HU/0012/65/013/012/03/70/0378	
AUTHOR: Somlo, Janos-Shomlo, Ya. (Staff scientist)	
ORG: Research Institute for Automation, MTA (Magyar Tudomanyos Akademia Automatizalasi Kutato Intezet)	
TITLE: General method for determining the characteristic function. Part 2:  Non-symmetrical oscillations ?	
SOURCE: Meres es automatika, v. 13, no. 12, 1965, 370-378	
TOPIC TAGS: oscillation, mathematic function	
ABSTRACT: [Part 1 was published Ibid., 13, no. 9, 1965, pp. 273-280] This part discusses the harmonic linearization in the case of non-symmetrical oscillations covering both mono- and bi-functional characteristic curves. Examples were presented to illustrate the calculations involved and in an Appendix (p. 377) a table was given from which some frequently required values could be directly obtained. The author thanks Doctor, Professor Csaki Frigyes for his attention and advice. Orig. art. has: 6 figures, 1 formula and 1 table. [JPRS: 34,778]	
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Cord 1/1 blg WDC: 62.50.517.5	

ERIOS, Zoltan, dr.; SOMLO, Marianna

ACTH in the therapy of infantile mening-al tuberculosis.

Gyermekgyogyaszat 7 no.4:113-115 Apr 56.

1. A Budapesti Orvostud, Egyetem I. sz. Gyermekklin. (Igaz.:
Dr. Gegeni-Kiss, Pal egyet. tanar, akad.) kozl.

(TUBERCULOSIS, MENINGEAL, in inf. & child
ther., ACTH (Hun))

(ACTH, ther. use
tuberc., meningmal, in inf. & child. (Hun))

KISS, Bela (Nagykanizsa); SIKORA, Janos (Budapest); SOMLO, Pal (Budapest); TOLCSVAI, Geza (Budapest)

Forum of innovators. Ujit lap 15 no.13:30 10 Jl 163.

SOMLO (Steinberger), Zoltan, dr.; CSAPO, Gabor, dr.; SZUCS, Zsuzsanna, dr.

Neurological complications of diabetes mellitus. I. Diagnostic problems in rare manifestations. Orv. hetil. 103 no.8:351-354 25 F \*62.

1. Szegedi Orvostudomanyi Egyetem, Ideg, Elmeklinika es I Belklinika.

(RETINA dis) (DIABETES MELLITUS compl) (NEUROLOGICAL MANIFESTATIONS)

SZUCS, Zsuzsanna, dr.; CSAPO, Gabor, dr.; SOMLO (Steinberger), Zoltan, dr.

Neurological complications of diabetes mellitus. Orv. hetil. 103
no.11:496-498 18 Mr '62.

1.Szegedi Orvostudomanyi Egyetem, I. Belklinika es Ideg-Elmeklinika.

(DIABETES MELLITUS compl)
(NEUROLOGICAL MANIFESTATIONS)

TAKATUS, L.; BENCZE, Gy.; SOMOGYI, L.; SUMLA, Z.

Meurological and electroencephalographic studies in systemic lupus erythematosus and rheumatoid arthritis. Acta med. acad. sci. Nung. 21 no.3:247-255 165.

1. First Department of Medicine, and Department of Neurology and Psychiatry, University Medical School, Smaged. Submitted July 15, 1964.

Experiences with establishment of norms and our further tasks in the mixed wood industry. p. 274. FAIPAR. Budapest. Vol. 5, no. 10, 1955.

Current problems of stave production. p. 276.

Development in the lumber industry in the People's Republic of Rumania. p. 280.

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001652410009-3"

JUNCI: East European Accessions List (TEAL), IC, Vol. 5, No. 2, Feb. 1955.

To be had the West of Conduct of the Control of the Septime

FOLDI, M.; KOVACH, A.G.B.; PAPP, N.; KOLTAY, Edit; SOMLYAI, L.

Reflex increase of sodium excretion elicited by posterior pituitary extract (Piton). Acta physiol.hung. 17 no.4:407-427 160.

1. 1st department of medicine, Department of Experimental Research, Medical University Budapest, Institute of Experimental Medicine, Hungarian Academy of Sciences, Budapest.

(PITUITARY GLAND, POSTERIOR extracts)

(SODIUM urine)

FOLDI, Mihaly, az orvostudomanyok doktora; KOVACH, Arisztid, az orvostudomanyok kandidatusa; PAPP, Miklos, az orvostudomanyok kandidatusa; KOLTAY Edit; SOMIYAI, Lajos

Naturiuresis of central origin caused by the extract of the hypophysis posterior lobule (piton). Biol orv kozl MTA 11 no.2/3:293-305 60. (EEAI 10:5)

1. A. Budapesti Orvostudomanyi Egyetem I. sz. Belklinikaja es Kiserleti Kutato Laboratoriuma, a Magyar Tudomanyos Akademia Kiserleti Orvostudomanyi Kutato Intezete.

(BLOOD) (PITUITARY BODY) (SODIUM)

FOLDES, Janos, dr.; SOMLYAI, Lajos, dr.

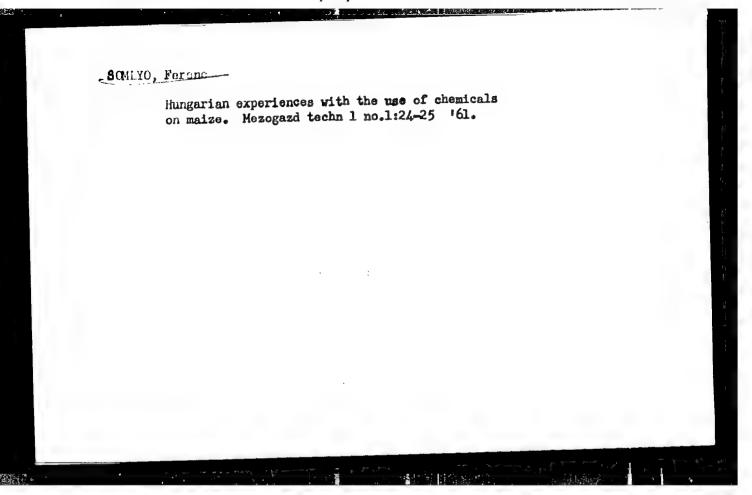
Results of the treatment of hyperthyreosis. Orv.hetil. 101 no.43:
1525-1530 23 0 '60.

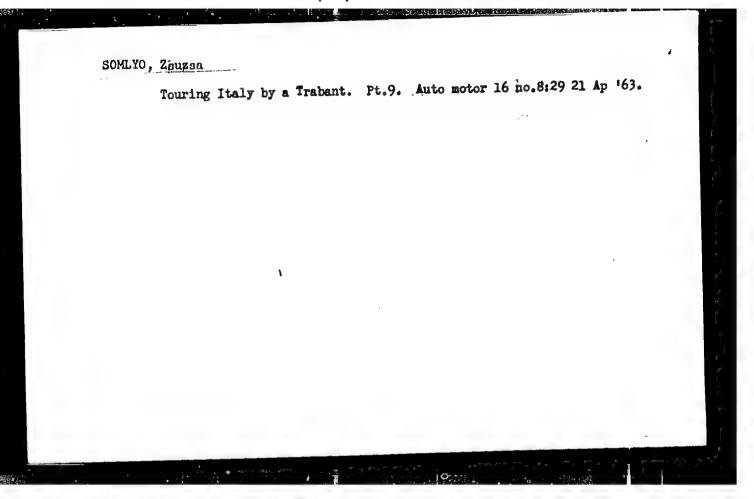
1. Budapesti Orvostudomanyi Egyetem, I. ss. Belklinika.
(HYPERTHYROIDISM ther)

Sceni-mechanised production line for juices. Prom.koop.no.5:17 My 156.

Semi-mechanised production line for juices. Prom.koop.no.5:17 My 156.
(MIRA 9:9)

1.Pishchekhimotdel oblpromsoveta.
(Dnepropetrovsk--Fruit juices)





SOMLYO, Zauzsa

Touring Italy by a Trabant. Pt.10. Auto motor 16 no.9:29 6 My '63.

The IAR-811, p. (3) of cover, REFULES, (Magyar Onkentes Honvedelmi Szovetseg) Budapest, Vol. 8, No. 13, J ly 1955

SCURCE: East European Accessions List (EFAL) Library of Congress, Vol. 4, No. 12, December 1955

SCHETCH, B.

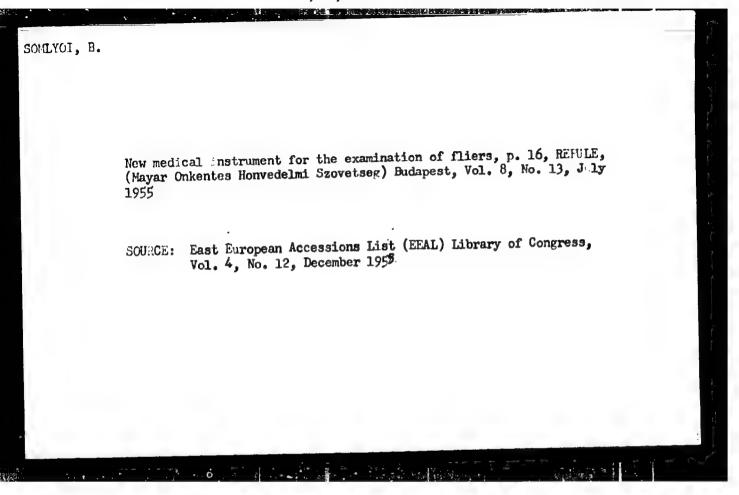
6th International Cliding Competition ends, p. 10, REFULES, (Magyar Onkentes Honvedelmi Szovetseg) Budapest, Vol. 8, No. 13, July 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 195

SOMIYOI, B.

How does the device for afterburning operate? p. 15, R FULES, (Magyar Onkentes Honvedelmi Szovetseg) Budapest, Vol. 8, No. 13, July 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955



SOMER, 3.

A faster method for calculating the weight of forgings. p. 434

STROJENSKA VYROBA. (Ministerstvo tezkeho strojirenstvi, Ministerstvo presneho strojirenstvi a Ministerstvo automobiloveho prumyslu a zemedelskych stroju) Praha, Czechoslovakia. Vol. 7, no. 10, Oct. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, Nc. 12, Dec. 1959 Uncl.

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PHASE I BOOK EXPLOITATION

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Unksov, Ye.P., Doctor of Technical Sciences, Professor, Ed.

Sovremennoye sostoyaniye kuznechno-shtempovochnogo proizvodstva (Present State of the Pressworking of Metals) [Moscor] Mashgiz, 1961. 434 p. 5000 copies printed.

Ed. of Publishing House: A.I. Sirotin; Tech. Ed.: B.I. Model; Managing Ed. for Literature on the Hot Working of Metals: S.Ya. Golovin, Engineer.

Title: Kuznechno-shtampovochnoye proizvodstvo v SSSR (The Pressvorking of Hetals in the USSR) by: A.V. Altykis, D.I. Berezhkovskiy, V.F. Volkovitskiy, I.I. Girsh (deceased), L.D. Gol'man, S.P. Granovskiy, N.S. Dolkinskiy, A.I. Zimin, S. L. Zlotnikov, A.I. Kagalovskiy, P.V. Lobachev, V.H. Martynov, Ye.H. Moshnin, G.A. Navrotskiy, Ya.H. Okhrimenko, G.H. Rovinskiy, Ye.A. Stosha, Yu.L. Rozhdestvenskiy, N.V. Tikhomirov, Ye.P. Unksov, V.F. Sheheglov, and L.A. Shofman; Eds: Ye.P. Unksov, Doctor of Technical Sciences, Professor, and B.V. Rozanov.

Title: Kuznechno-shtampovochnoye proizvodstvo v ChSSR (The Pressvorking of Ketals in the Czechoslovak SR) by: S. Burda, F. Hrazdil, F. Drastik, F. Zlatchlavek

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Z. Kejval, V. Krauz, Z. Kurka, Z. Hajer, K. Harvan, J. Hovik, J. Odahaal, K. Paul, B. Scaner, H. Honz, J. Castha, V. Sindeldr, and J. Sole; Else: A. Hejepsa and H. Vlk.

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PURPCOU: This book is intended for engineers and scientific personnel concerned with the preseworking of metals.

COVERNOR: Published jointly by Hashgiz and SHTL, the book discusses the present state of the preseverking of metals in the USSR and the Czechoslovak Socialist Republic. Chapters were written by both Soviet and Czechoslovak writers. No personalities are montioned. There are 129 references: 98 Soviet, 16 English, 8 German, 5 Czech, and 2 French.

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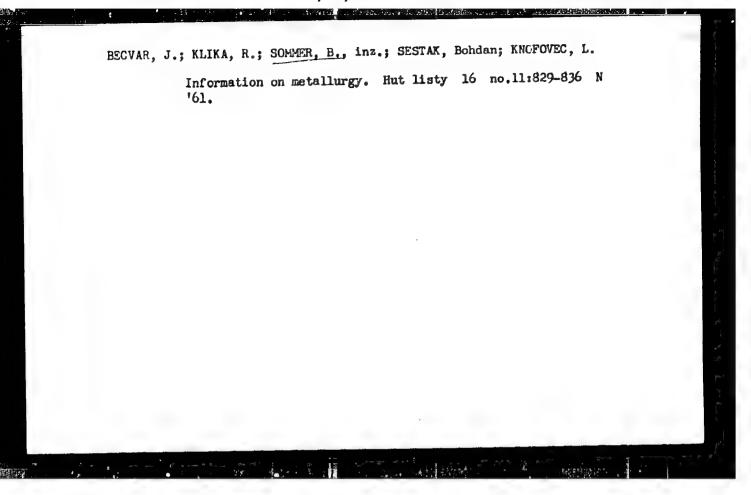
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## SOMMER, Beris

Precise perferation of cylindrical holes in die forgings. Stroj vyr 10 no. 3:139-140. '62.

1. Vitkovicke zelezarny Klementa Gcttwalda, n.p., Ostrava.

SOMMER, B.

Urenium forging. Hat listy 17 no.2:151-152 F 162.

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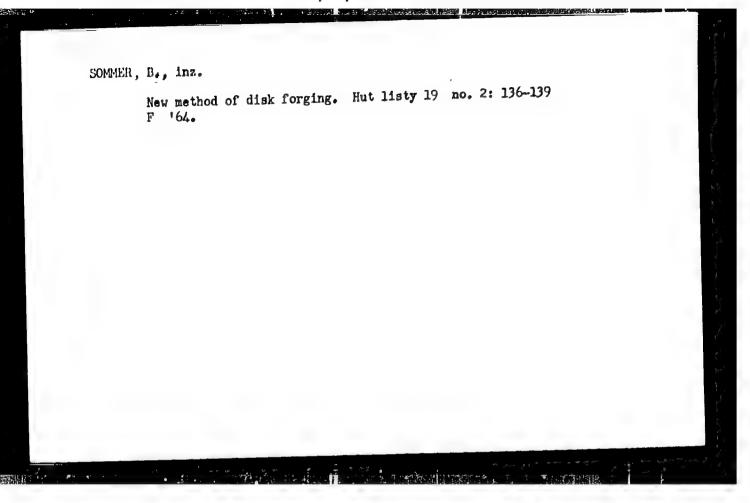
Present conditions and development of manufacturing the steel bottles for gas. Hut listy 17 no.5:318-326 My 162.

1. Vitkovicke zelezarny Klementa Gottwalda, Ostrava-Vitkovice.

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KEPKA, M., inz.; PUNCOCHAR, Zd., inz.; VESELY, J., inz.; KECLIK, V., inz.; BECVAR, J., inz.; RANT, Pavel, inz.; CHVOJKA, Jan, inz.; SOMMER, B., inz. KALIVODA, A., inz.; HRBEK, A.

Information on metallurgy. Hut listy 18 no.3:207-223 Mr 163.



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Scharden, E.

Sommer, E.

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(Vol. 5, mo. 9, May 1955) MECHANISACE ZEMEDILSTVI

SO: Monthly List of East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955, Uncl.

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SOMER, F.

"Automatic control in a sizing machine."

p. 468 (Textil) Vol. 12, no. 12, Dec. 1957 Prague, Czechoslovakia

so; Monthly Index of East European Accessions (EEAI' IC. Vol. 7, no. 4, April 1958

AUTHOR: Korinek, M. (Doctor; Engineer); Tmej, J. (Engineer); Sommer, F.

ORG: [Korinek; Tmej] Technical Institute of Machinery and Textiles, Liberec (Vysoka skola strojni a textilni); [Sommer] AZNP, Mlada Boleslav

TITLE: Stamping parts of irregular from

SOURCE: Strojirenstvi, v. 15, no. 7, 1965, 540-542

TOPIC TAGS: metal stamping, sheet metal, material deformation

ABSTRACT: The article deals with some methods which can be applied to check whether or not the material selected for manufacturing sheet parts by stamping and the envisaged process promise satisfactory results in series production. Besides model technique, attention should be given to methods based upon evaluation of deformations of grids applied to samples before shaping. This paper was presented by Z. Kejval. Orig. art. has: 8 figures. [JPRS]

SUB CODE: 13, 20 / SUBM DATE: none / OTH REF: OO1 / SOV REF: OO2

Card 1/17/15

UDC: 621.986;621.979.02;621.002.2

CHRUSZCIGKA, Maria; SOMMER, Irena

Dissolution of small amounts of phenol in river and prepared waters. Gosp wodna 23 no.11: 441-444 N.63.

1. Zaklad Ochrony i Uzytkowania Wod, Katowice.